

a source of pressurized hydraulic fluid connectable to said diverter valve, said diverter valve selectively positioned to connect said source to either said first or to said second hydraulic implements to move a selected one of said first and second hydraulic implements; and

a control actuator signal-connected to said diverter valve for alternately operating said first and second hydraulic implements; and

C wherein said control actuator comprises a control switch, actuation of said control switch changing position of said diverter valve to select an operator-selected one of either said first or second hydraulic implements to be connected to said source of pressurized hydraulic fluid, and a single lever positionable by an operator to control said source of pressurized hydraulic fluid to said diverter valve to selectively ~~move~~ control operational movement of said operator-selected one of said first or second hydraulic implements.

2. (Previously Amended) The system according to claim 1, wherein said diverter valve comprises a solenoid-operated pilot valve that is electrically signal-connected to said control switch, and a plurality of pilot operated hydraulic valves connected to said pilot valve, actuation of said pilot valve changing the position of said hydraulic valves.

3. (Previously Cancelled)

4. (Previously Amended) The system according to claim 1, wherein said control switch is carried on said lever.

5. (Original) The system according to claim 4, wherein said control switch is located on said lever in a position to be thumb- activated.

6. (Original) The system according to claim 1 comprising a diverter activation switch in an electrical circuit with said control switch, a change of state of said activation switch required to make operable said control switch.

7. (Original) The system according to claim 1, wherein said diverter valve comprises a valve housing and a plurality of cartridge valves, said cartridge valves held within said valve housing, and a solenoid operated pilot valve actuated to provide hydraulic pressure to change the outlet of said cartridge valves.

8. (Original) The system according to claim 1, wherein said first hydraulic implement comprises a loader and said second hydraulic implement comprises a rear-mounted implement.

9. (Original) The system according to claim 1, wherein said first hydraulic implement comprises plural hydraulic functions.

10. (Original) The system according to claim 1, wherein said second hydraulic implement comprises one implement selected from the group consisting of: a grapple, a snowblower, a blade, a mower deck, a front hitch, a cultivator and a tiller.

c 11. (Previously Amended) In a utility vehicle having a first hydraulic cylinder, a second hydraulic cylinder, and a hydraulic system for supplying pressurized hydraulic fluid to said first and second hydraulic cylinders, said first and second hydraulic cylinders each having a piston slidable within a cylinder portion, said piston having a piston head within said cylinder portion connected to a rod extendable into and out of said cylinder portion as said piston head slides within said cylinder portion, said hydraulic system including a control valve supplied with a source of pressurized hydraulic fluid and operable to direct pressurized hydraulic fluid through tubing into said cylinder portion of said first hydraulic cylinder on one or both sides of said piston head to either extend or retract said rod with respect to said cylinder portion, and a single control lever operating said control valve for selecting the respective side of the piston head within said cylinder portion to direct the pressurized hydraulic fluid, a control system comprising:

a diverter valve flow-connected to said control valve and operable to direct pressurized hydraulic fluid from said control valve to an operator-selected one of either said first hydraulic cylinder or said second hydraulic cylinder;

an operator control that is signal-connected to said diverter valve and actuatable by the operator to divert pressurized hydraulic fluid from the first hydraulic cylinder to the second hydraulic cylinder, wherein said control valve is operable to direct pressurized hydraulic fluid through tubing into said cylinder portion of said second hydraulic cylinder on one or both sides of said piston head of said second hydraulic cylinder to either extend or retract said rod of said second hydraulic cylinder with respect to said cylinder portion, and said single control lever operating said control valve for selecting the respective side of the piston head within said cylinder portion of said second hydraulic cylinder to direct the pressurized hydraulic fluid; and

wherein said first cylinder and said second cylinder are located adjacent opposite ends of the vehicle.

12. (Original) The system according to claim 11, wherein said operator control comprises a momentary switch positioned on the control lever.

13. (Original) The system according to claim 11, wherein said diverter valve comprises a valve housing, and a plurality of cartridge valves slidable within said valve housing, said cartridge valves movable to select one hydraulic fluid flow circuit from the control valve to either the first cylinder or to the second cylinder.

14. (Previously Cancelled)

15. (Previously Cancelled)

16. (Previously Cancelled)

17. (Original) The system according to claim 11, further comprising a third hydraulic cylinder and a fourth hydraulic cylinder, said third hydraulic cylinder is operable with said first hydraulic cylinder, and said fourth hydraulic cylinder operable with said second hydraulic cylinder, said diverter valve operable to select either said first and third hydraulic cylinders or said second and fourth hydraulic cylinders as pairs to receive pressurized hydraulic fluid.

cl

18. (Currently Amended) A hydraulic system for a utility vehicle, comprising:

- a first pair of hydraulic couplings for a front-mounted first hydraulic implement;
- a second pair of hydraulic couplings for a rear-mounted second hydraulic implement;
- a diverter valve, said first and second pairs of hydraulic couplings selectively hydraulically flow-connected to said diverter valve;
- a source of pressurized hydraulic fluid connectable to said diverter valve, said diverter valve selectively positioned to connect said source to either said first or to said second hydraulic implements; and

a control actuator signal-connected to said diverter valve for alternately operating said first and second pairs of hydraulic couplings; and

wherein said control actuator comprises a control switch, actuation of said control switch changing position of said diverter valve to select an operator-selected one of either said first or second pairs of hydraulic couplings to have at least one coupling of the selected pair of couplings be connected to said source of pressurized hydraulic fluid, and a single lever positionable by an operator to control said source of pressurized hydraulic fluid to said diverter valve to ~~move~~ control operational movement of said operator-selected one of said first or second hydraulic implements.

C1 19. (Original) The system according to claim 18, wherein said diverter valve comprises a solenoid-operated pilot valve that is electrically signal-connected to said control actuator, and a plurality of pilot operated hydraulic valves connected to said pilot valve, actuation of said pilot valve changing the position of said hydraulic valves.

20. (Original) The system according to claim 18, wherein said first pair of hydraulic couplings is mounted to a front of the utility vehicle, and said second pair of hydraulic couplings is mounted to a rear of the utility vehicle.

21. (Original) The system according to claim 18, wherein said control actuator comprises a lever positionable to control a selected one of said first and

second pair of hydraulic couplings, and a control switch connected to said lever, actuation of said control switch changing state of said diverter valve to select one of said first and second pairs of hydraulic couplings.

22. (Previously Amended) The system according to claim 21, wherein said control switch is located on said lever in a position to be hand-activated.

23. (Original) The system according to claim 18, comprising a diverter activation switch in an electrical circuit with said control switch, a change of state of said activation switch required to make operable said control switch.

C
24. (Original) The system according to claim 18, wherein said diverter valve comprises a valve housing and a plurality of cartridge valves, said cartridge valves held within said valve housing, and a solenoid operated pilot valve actuated to provide hydraulic pressure to change the outlet of said cartridge valves.

25. (Previously Added) The system according to claim 1 wherein said utility vehicle comprises a tractor wherein said first hydraulic implement comprises a loader bucket, and said second hydraulic implement comprises one implement selected from the group consisting of a blade, a mower deck, a cultivator and a tiller.

26. (Previously Added) The system according to claim 4 wherein said utility vehicle comprises a tractor wherein said first hydraulic implement comprises a loader bucket, and said second hydraulic implement comprises one implement selected from the group consisting of a blade, a mower deck, a cultivator and a tiller.

27. (Previously Added) The system according to claim 1, wherein said control actuator comprises a control valve operatively controlled by said lever, said source of pressurized hydraulic fluid connected to said diverter valve via said control valve, said first implement comprising a first hydraulic cylinder having a piston therein and a pair of hydraulic ports into the first hydraulic cylinder on opposite sides of the piston therein;

said second implement comprising a second hydraulic cylinder having a piston therein and a pair of hydraulic ports into the second hydraulic cylinder on opposite sides of the piston therein;

said control valve having valve ports therein wherein for the hydraulic cylinder of said one of said first and second hydraulic implements selected at the diverter valve, a first position of said lever delivers pressurized hydraulic fluid to one port of said hydraulic ports and opens the respective other port of said hydraulic ports to a hydraulic discharge at a lower pressure than said pressurized hydraulic fluid, to move said piston in a first direction, and wherein a second, different position of said lever delivers pressurized hydraulic fluid to said respective other port of said hydraulic ports and opens said one port to a

hydraulic discharge at a lower pressure than said pressurized hydraulic fluid to move said piston in an opposite direction.

28. (Previously Added) The system according to claim 11, wherein said utility vehicle comprises a tractor wherein said first hydraulic cylinder is configured to operate a loader bucket and said second cylinder is configured to orient an implement selected from the group consisting of: a blade, a mower deck, a cultivator and a tiller.

29. Please cancel claim 29 without prejudice.

30. (Previously Added) The system according to claim 18, wherein said control actuator comprises a control valve operatively controlled by said lever, said source of pressurized hydraulic fluid connected to said diverter valve via said control valve, said first implement comprising a first hydraulic cylinder having a piston therein and a pair of hydraulic ports into the first hydraulic cylinder on opposite sides of the piston therein;

said second implement comprising a second hydraulic cylinder having a piston therein and a pair of hydraulic ports into the second hydraulic cylinder on opposite sides of the piston therein;

said control valve having valve ports therein wherein for the hydraulic cylinder of said one of said first and second hydraulic implements selected at the diverter valve, a first position of said lever delivers pressurized hydraulic fluid to

one port of said hydraulic ports and opens the respective other port of said hydraulic ports to a hydraulic discharge at a lower pressure than said pressurized hydraulic fluid, to move said piston in a first direction, and wherein a second, different position of said lever delivers pressurized hydraulic fluid to said respective other port of said hydraulic ports and opens said one port to a hydraulic discharge at a lower pressure than said pressurized hydraulic fluid to move said piston in an opposite direction.

31. (Previously Added) The system according to claim 30, wherein said control switch is located on said lever.

d 32. (Currently Amended) A hydraulic system for a tractor, comprising:
a tractor chassis supported on four wheels;
a hydraulically operated loader bucket made operable by at least a first hydraulic cylinder, and mounted to said chassis adjacent a front end of said chassis;
a hydraulically operated implement, made operable by at least a second hydraulic cylinder, and carried by said chassis, selected from the group consisting of: a blade, a mower deck, a cultivator and a tiller;
a source of pressurized hydraulic fluid;
a control valve connected to said source of pressurized hydraulic fluid;

a diverter valve hydraulically flow-connected to said control valve, said first and second hydraulic cylinders being hydraulically flow-connectable to said diverter valve, said diverter valve selectively positioned to send pressurized hydraulic fluid from said control valve to a selected one of said first and second hydraulic cylinders;

a control switch, actuation of said control switch changing position of said diverter valve to allow pressurized hydraulic fluid to flow from said control valve to said selected one of said first and second hydraulic cylinders; and

a single control lever operatively connected to said control valve and positionable to direct pressurized hydraulic fluid flow from said control valve to said selected one of said first and second hydraulic cylinders said single control lever movable to control operational movement of either selected one of said first and second hydraulic cylinders.

33. (Previously Added) The system according to claim 32, wherein said first hydraulic cylinder has a piston therein and a pair of hydraulic ports into the first hydraulic cylinder on opposite sides of the piston therein;

said second hydraulic cylinder has a piston therein and a pair of hydraulic ports into the second hydraulic cylinder on opposite sides of the piston therein; and

said control valve has valve ports therein wherein for the hydraulic cylinder of said one of said first and second hydraulic implements selected at the diverter valve, a first position of said lever delivers pressurized hydraulic fluid to one port

of said hydraulic ports and opens the respective other port of said hydraulic ports to a hydraulic discharge at a lower pressure than said pressurized hydraulic fluid, to move said piston in a first direction, and wherein a second, different position of said lever delivers pressurized hydraulic fluid to said respective other port of said hydraulic ports and opens said one port to a hydraulic discharge at a lower pressure than said pressurized hydraulic fluid to move said piston in an opposite direction.

34. (Previously Added) The system according to claim 32, wherein said second implement is mid-mounted on said tractor.

d 35. (Previously Added) The system according to claim 32, wherein said second implement is rear-mounted on said tractor.

36. (Currently Amended) A hydraulic system for a tractor, comprising:
a tractor chassis supported on four wheels;
a hydraulically operated loader bucket made operable by at least a first hydraulic cylinder, and mounted to said chassis adjacent a front end of said chassis;
a hydraulically operated implement, made operable by at least a second hydraulic cylinder, and carried by said chassis, selected from the group consisting of: a blade, a mower deck, a cultivator and a tiller;
a source of pressurized hydraulic fluid;

a control valve connected to said source of pressurized hydraulic fluid; and

a single control lever operatively connected to said control valve and positionable to direct pressurized hydraulic fluid flow from said control valve to said selected one of said first and second hydraulic cylinders said single control lever movable to control operational movement of either selected one of said first and second hydraulic cylinders.